

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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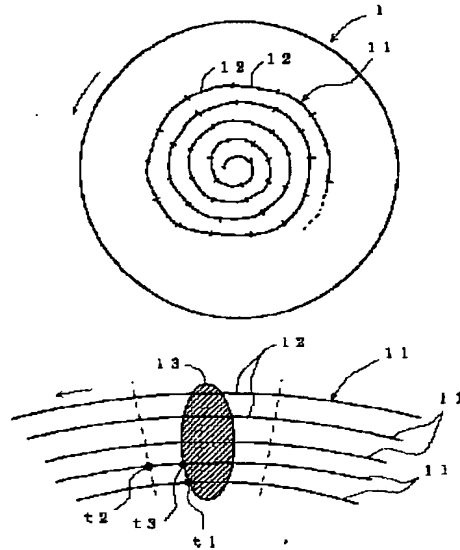
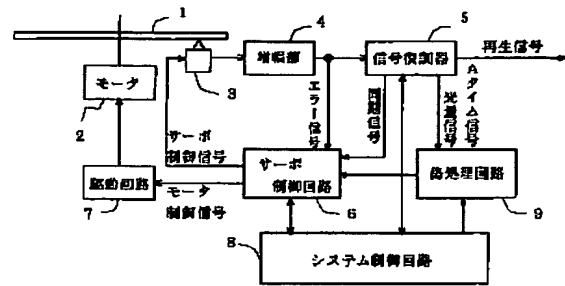
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G11B 21/10

TITLE : TRACKING SERVO CONTROL  
METHOD AND TRACKING SERVO  
CONTROLLER FOR DISK  
REPRODUCING DEVICE



ABSTRACT : PURPOSE: To make it possible to calculate a frame of one round forward from a present frame decided to have the presence of a flaw on a disk and to control a remedy against the flaw of tracking servo before a pickup enters the flaw region on the disk.

CONSTITUTION: Tracks 11 are spirally formed on a CD disk 1. These tracks 11 are composed of the plural frames 12. Synchronizing signals and A time are recorded in each frame. The A time is the same as the absolute time and indicates the lapse time from the start of a program in minute and second. The point t2 of the time of the A time of one round forward from the A time of the frame at the point t1 of the time the central side end 13 of the disk of the flaw on the CD disk 1 is detected is first calculated and the control for the remedy for the flaw of the tracking servo is executed at the point of the time the pickup moves to t2. As a result, the control of the remedy for the flaw of the tracking service is made executable before the point t3 of the time the pickup enters the flaw region 13.

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